HIGH SPEED LINEAR UPPER HEAD
DRILLING & FASTENING SOLUTION

Ascent Aerospace is a leading provider of tooling systems, factory automation and integration services for the aerospace, defense and space industries.

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HIGH SPEED LINEAR UPPER HEAD: DRILLING & FASTENING SOLUTION

FEATURES

- Clearance: Up to 3” upper tooling clearance
- Clamp Force:
  - 100 to 1,000 lbs. (standard application)
  - Up to 2,000 lbs. (high interference fit application)
- Spindle speed range: 200 RPM – 20,000 RPM
- Upset Force: 20,000 Lbs. maximum upset force
- Tool Holder: HSK32 interface w/ drawbar
- Materials: CFRP & Metallic capable
- Fastener Capabilities: Solid rivets and 2 piece fastening

BENEFITS

- Current & Future Aero-structures Ready - Dual sided applications for both metallic & composite structures
- Up to 21 Fasteners per Minute - High speed linear head transfers allow for fast cycle times
- Multi-function flexibility – High speed spindle plus additional positions on linear slide for application modules (sealant, fastener install, flushness measurement, etc.)
- Adaptable Positioning - From manually located to full, 8-axes of coordinated motion

MOUNTING CONFIGURATION C-FRAME